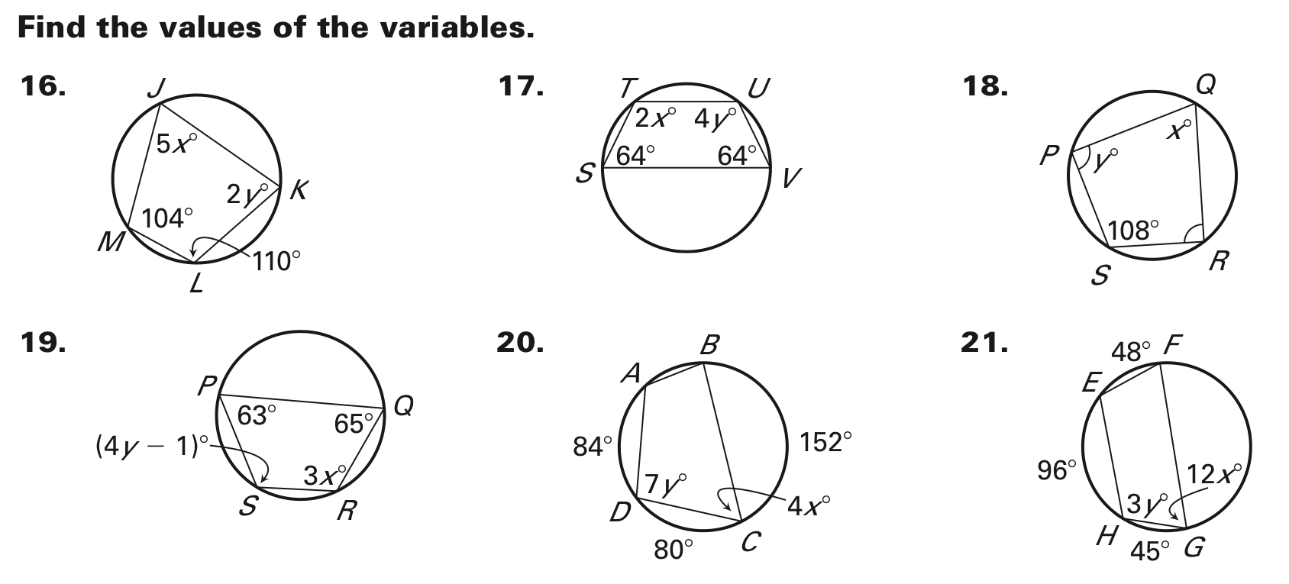
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

CW 89: Inscribed Polygons

**Honors Geometry**



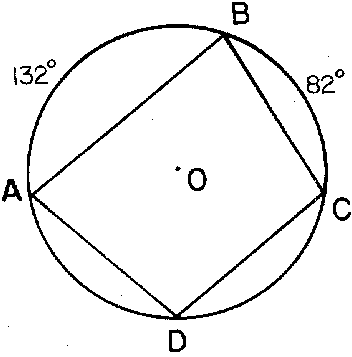


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| --- | --- |
| Find the values of the variables. | Find the values of the variables. |
| Find the values of the variables. | Find the values of the variables. |
| Find the values of the variables. | Find the values of the variables. |

**Find each measure. Round each measure to the nearest hundredth and each arc measure to the nearest degree.**



|  |  |
| --- | --- |
| Find the length of arc AB. | The minute hand and the hour hands on a clock originate at the center of the clock and reach to the outer edge of the clock. The length of each hand is 4 inches. When it is 9:00 pm, what is the length of the arc created by the minute hand and the hour hand? |

In the accompanying diagram, quadrilateral *ABCD* is inscribed in circle *O*. If  and , find .